

6. The display apparatus according to claim 4, wherein the controller is configured to generate a dimming signal for adjusting the brightness of the external lighting device in proportion to the brightness of the image signal outputted from the external device.

7. The display apparatus according to claim 1, wherein the controller is configured to control a backlight unit (BLU) of the display apparatus based on the generated dimming signal, thereby adjusting a brightness of an image outputted from the display apparatus.

8. The display apparatus according to claim 3, wherein the communicator is configured to transmit a dimming signal, generated to adjust the brightness of the image outputted from the external device, to the external device.

9. The display apparatus according to claim 4, wherein the communicator is configured to transmit the dimming signal, generated to adjust the brightness of the external lighting device, to the external lighting device.

10. The display apparatus according to claim 1, wherein the communicator is configured to receive an image signal including brightness information of an image outputted from an external device.

11. A method for controlling a display apparatus comprising:

receiving an image signal needed to display an image on the display apparatus;

generating a dimming signal for adjusting brightness of an external lighting device based on a brightness of the received image signal; and

transmitting the dimming signal to the external lighting device to adjust the brightness of the external lighting device based on the generated dimming signal.

12. The method according to claim 11, further comprising:

receiving an image signal including brightness information of an image outputted from an external device.

13. The method according to claim 12, further comprising:

generating a dimming signal for adjusting the brightness of the image outputted from the external device based on the brightness of the image signal outputted from the external device.

14. The method according to claim 12, further comprising:

generating a dimming signal for adjusting the brightness of the external lighting device based on a brightness of an image signal outputted from the external device.

15. The method according to claim 11, wherein the generating the dimming signal comprises:

generating a dimming signal for adjusting the brightness of the external lighting device in proportion to the brightness of the received image signal.

16. The method according to claim 13, wherein the generating the dimming signal comprises:

generating a dimming signal for adjusting the brightness of the image outputted from the external device in proportion to the brightness of the image signal outputted from the external device.

17. The method according to claim 14, wherein the generating the dimming signal comprises:

generating a dimming signal for adjusting the brightness of the external lighting device in proportion to the brightness of the image signal outputted from the external device.

18. The method according to claim 11, further comprising:

controlling a backlight unit (BLU) of the display apparatus based on the generated dimming signal, thereby adjusting a brightness of an image outputted from the display apparatus.

19. The method according to claim 13, further comprising:

transmitting the dimming signal, generated to adjust the brightness of the image outputted from the external device, to the external lighting device.

20. The method according to claim 14, further comprising:

transmitting the dimming signal, generated to adjust brightness of the external lighting device, to the external lighting device.

* * * * *